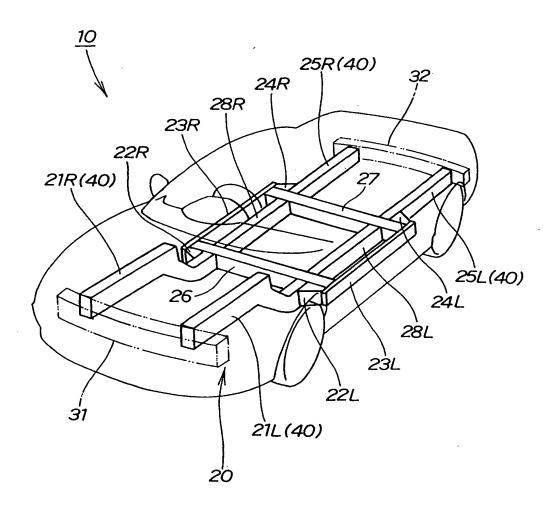
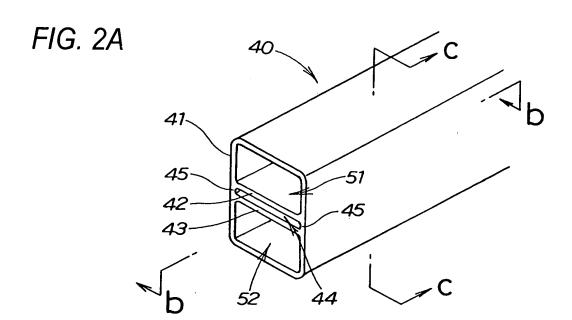
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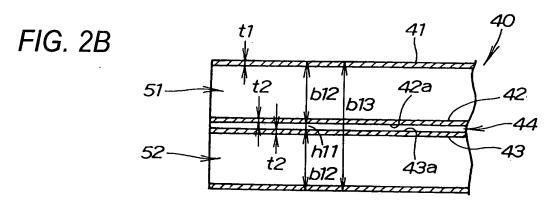
FIG. 1

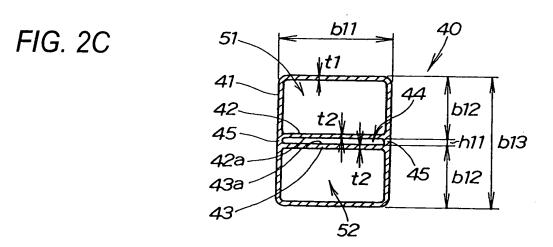


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FIG. 3A

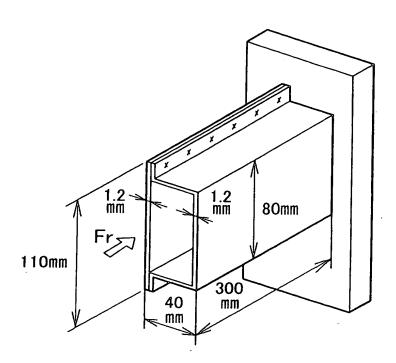
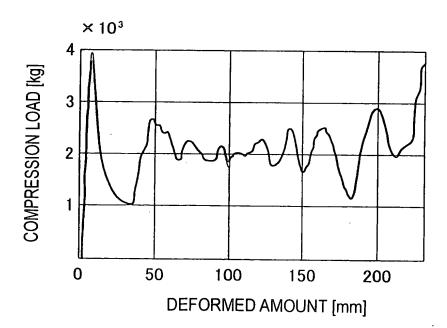


FIG. 3B



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FIG. 4A

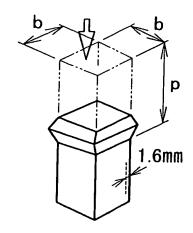
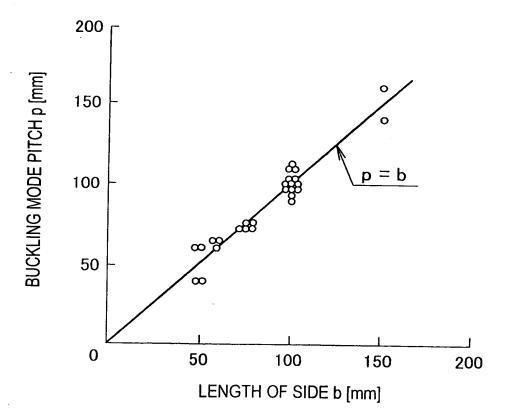


FIG. 4B



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FIG. 5A

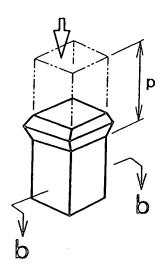
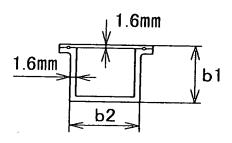
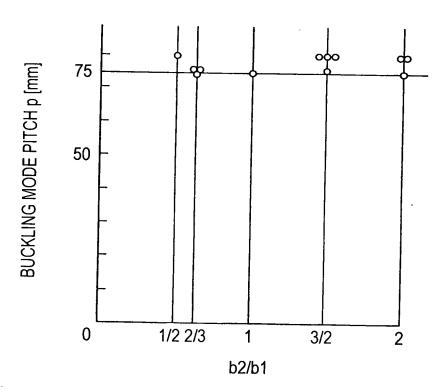


FIG. 5B



$$b1 + b2 = 150 \text{ mm}$$
(CONSTANT)

FIG. 5C



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FIG. 6A

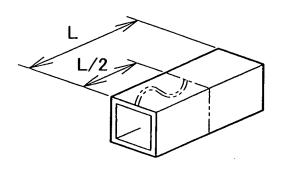
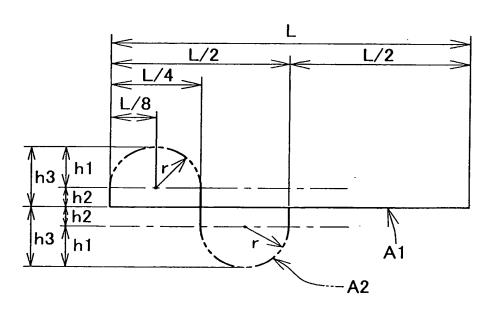


FIG. 6B

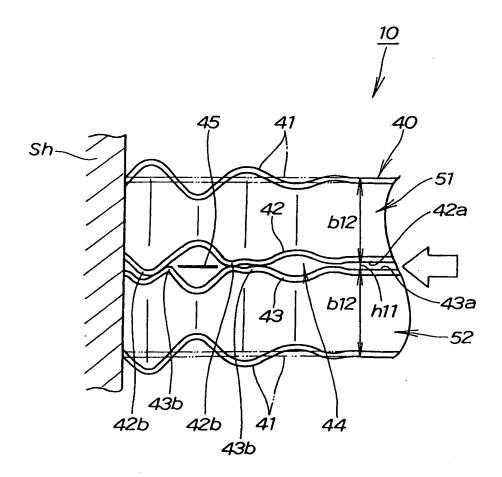


$$r = L/8 = 0.125 \times L$$

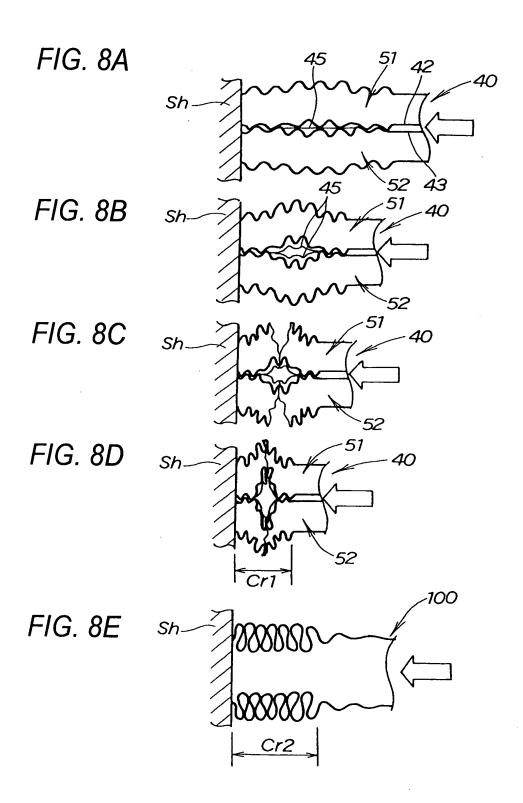
 $h1 = r = 0.125 \times L$
 $h2 = (L - 2 \times \pi \times r)/4 = 0.054 \times L$
 $h3 = h1 + h2 = (0.125 + 0.054) \times L = 0.18 \times L$

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FIG. 7



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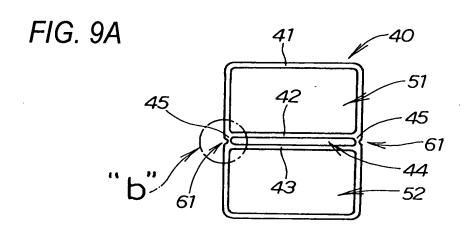


FIG. 9B

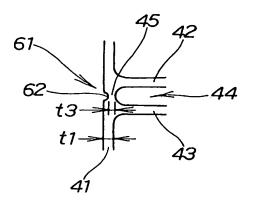
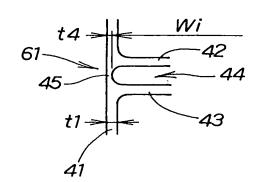


FIG. 9C



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